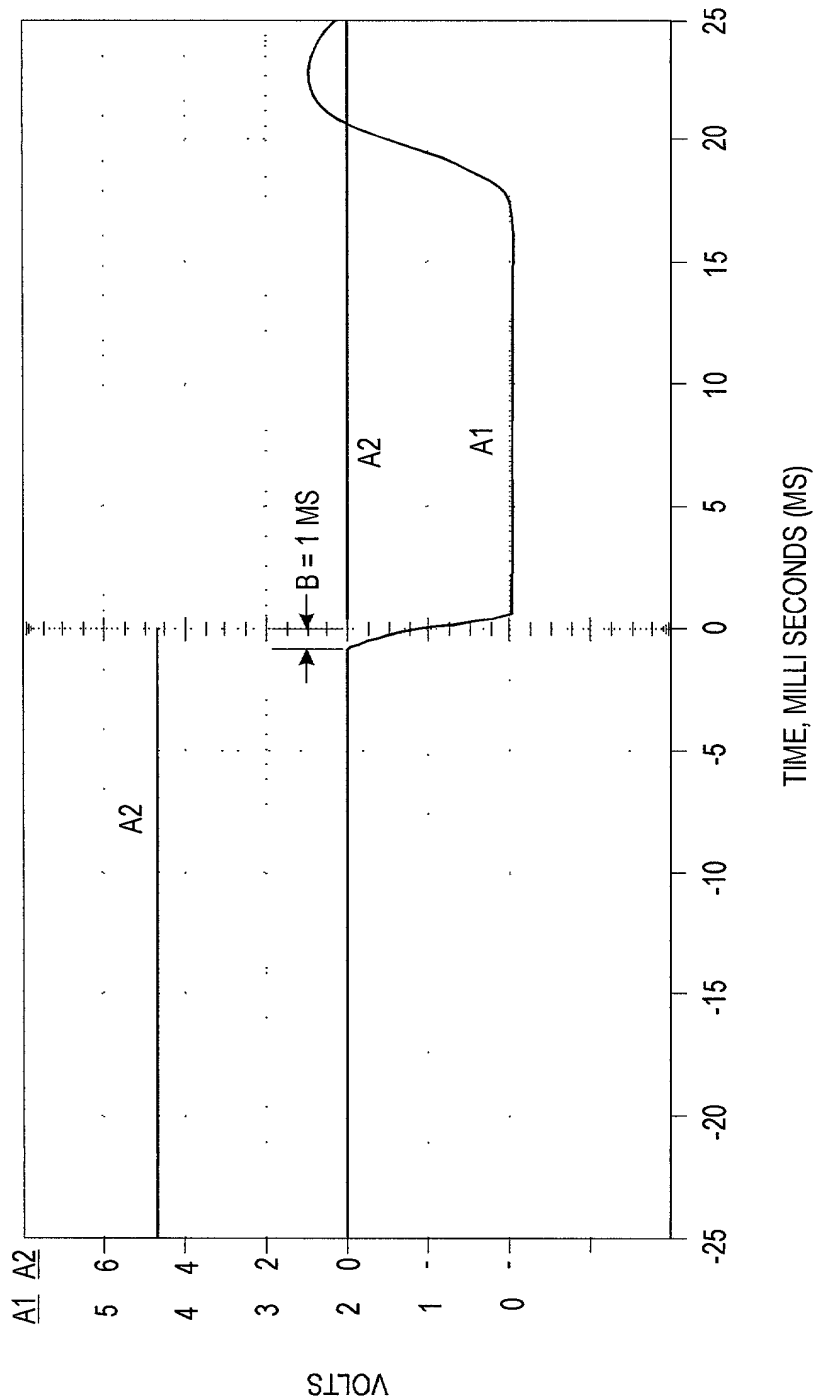


A1 - VOLTAGE PRODUCED FROM VERTICAL CONTACT BY CAPILLARY WITH
A SOLID SURFACE AMPLIFIED TO VALUE SHOWN IN SCALE A1
A2 - SWITCHING VOLTAGE SHOWN SCALE A2

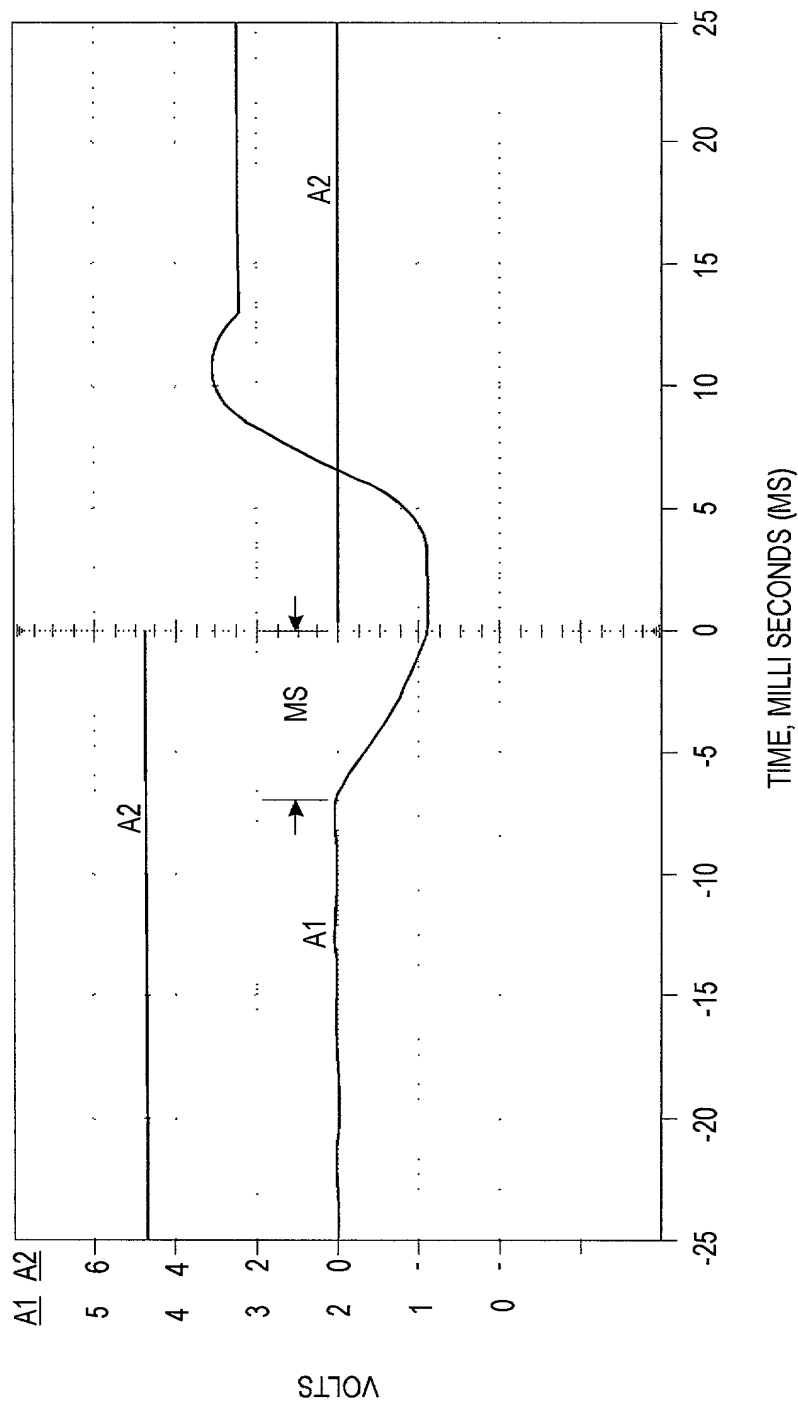
FIG. 1

U.S. GOVERNMENT PRINTING OFFICE: 1964 O 348-000



A1 - VOLTAGE PRODUCED FROM HORIZONTAL CONTACT BY CAPILLARY
WITH A SOLID SURFACE AMPLIFIED TO VALUE SHOWN IN SCALE A1
A2 - SWITCHING VOLTAGE SHOWN SCALE A2

FIG. 2



A1 - VOLTAGE PRODUCED FROM HORIZONTAL CONTACT BY CAPILLARY
WITH A SOLID SURFACE AMPLIFIED TO VALUE SHOWN IN SCALE A1
A2 - SWITCHING VOLTAGE SHOWN SCALE A2

FIG. 3

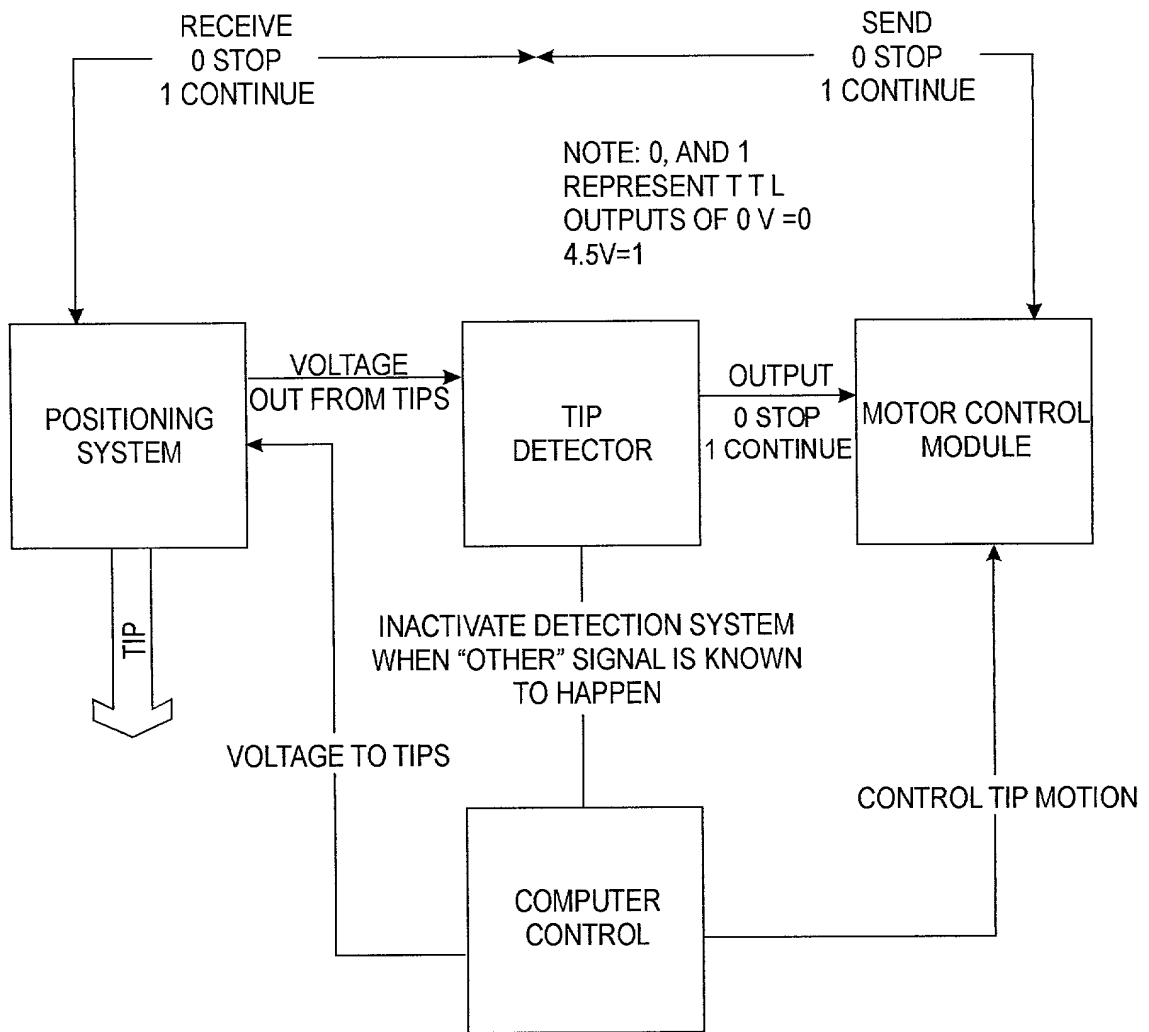


FIG. 5